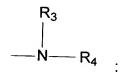
## <u>ABSTRACT</u>

Low-cure powder coating compositions are disclosed, comprising at least one epoxy-containing resin and/or at least one siloxane-containing resin, and at least one material having the structure

$$\begin{bmatrix}
(Y)_a - R_2 - Z & N \\
R_5 & H
\end{bmatrix}_b R_1$$
(I)

wherein  $R_1$  is an organic radical having 6 to 25 carbon atoms; each  $R_2$  is independently a multivalent hydrocarbon group having 1 to 20 carbon atoms; Y is



each  $R_3$  and  $R_4$  are independently alkyl or aryl groups having 1 to 8 carbon atoms; each Z is independently oxygen or nitrogen;  $R_5$  is absent when Z is oxygen and  $R_5$  is hydrogen, an alkyl or aryl group having 1 to 20 carbon atoms, or  $(Y)_a$   $-R_2$ — when Z is nitrogen; a and b are integers; a is at least 1; b is 1 to 3; and (b) at least one epoxy-containing resin and/or at least one siloxane-containing resin. The material can optionally be reacted with an acidic hydrogen-containing compound. Some compositions are curable without using crosslinking agents or accelerators. Methods for coating a substrate using these compositions, the coated substrates, and additional catalysts useful for the same purpose are also disclosed.